

96/14/01

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Intellectual Property Attorneys

June 14, 2001

06/14/01



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Box New Patent Applications  
Commissioner for Patents  
Washington, D.C. 20231

Re: New U.S. Patent Application  
Inventor: Foster et al.  
Entitled: APPARATUS AND METHOD FOR MAT PROTECTION OF  
NON-THERMAL PLASMA  
Attorney Docket No: DP-302459 (DEP-0147)  
Filed: June 14, 2001

Sir:

We enclose herewith:

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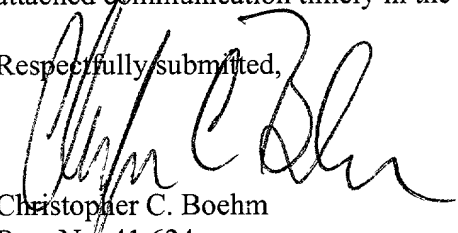
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Daniel E. Bruso\*  
Lisa A. Bongiovi\*

- Patent application (18 pages), including specification (11 pages), claims (6 pages) and abstract (1 page)
- Declaration & Designation of Correspondence Address
- Certificate of Express Mail 37 CFR 1.10  
Express Mail No. EL 748480968US
- Assignment Recordation Cover Sheet
- Drawings: 8 sheets (informal)
- Acknowledgement postcard

The Commissioner is hereby authorized to charge payment of the fees associated with this communication or credit any overpayment to Deposit Account No. 50-0831.

Applicant hereby petitions under 37 CFR 1.136 and other applicable rules to have the response period extended the number of months necessary to render the attached communication timely in the event a petition is required.

Respectfully submitted,

  
Christopher C. Boehm  
Reg. No. 41,624

of counsel:

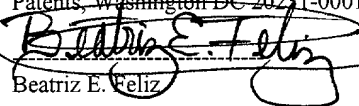
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Karen A. Jalbert  
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I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, Washington DC 20231-0001, on June 14, 2001, Express Mail Label No. EL 748480968 US.

  
Beatriz E. Feliz

\*Not admitted in Connecticut

06/14/01

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# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
DP-302459 (DEP-0147)

Total Pages in this Submission  
35

## TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**APPARATUS AND METHOD FOR MAT PROTECTION OF NON-THERMAL PLASMA REACTOR**

and invented by:

Michael R. Foster, Robert X. Li and David E. Nelson

11000 U.S. PTO  
09/881641  
06/14/01

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

### Application Elements

1.  Filing fee as calculated and transmitted as described below
2.  Specification having 18 pages and including the following:
  - a.  Descriptive Title of the Invention
  - b.  Cross References to Related Applications (if applicable)
  - c.  Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d.  Reference to Microfiche Appendix (if applicable)
  - e.  Background of the Invention
  - f.  Brief Summary of the Invention
  - g.  Brief Description of the Drawings (if drawings filed)
  - h.  Detailed Description
  - i.  Claim(s) as Classified Below
  - j.  Abstract of the Disclosure

1c796 U.S. PTO  
06/14/01

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
DP-302459 (DEP-0147)

Total Pages in this Submission  
35

## Application Elements (Continued)

3.  Drawing(s) (when necessary as prescribed by 35 USC 113)
- a.  Formal                      Number of Sheets \_\_\_\_\_
- b.  Informal                      Number of Sheets 8
4.  Oath or Declaration
- a.  Newly executed (original or copy)       Unexecuted
- b.  Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)
- c.  With Power of Attorney       Without Power of Attorney
- d.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5.  Incorporation By Reference (usable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
6.  Computer Program in Microfiche (Appendix)
7.  Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)
- a.  Paper Copy
- b.  Computer Readable Copy (identical to computer copy)
- c.  Statement Verifying Identical Paper and Computer Readable Copy

## Accompanying Application Parts

8.  Assignment Papers (cover sheet & document(s))
9.  37 CFR 3.73(B) Statement (when there is an assignee)
10.  English Translation Document (if applicable)
11.  Information Disclosure Statement/PTO-1449       Copies of IDS Citations
12.  Preliminary Amendment
13.  Acknowledgment postcard
14.  Certificate of Mailing
- First Class       Express Mail (Specify Label No.): EL 748480968 US

**UTILITY PATENT APPLICATION TRANSMITTAL  
(Large Entity)**

*(Only for new nonprovisional applications under 37 CFR 1.53(b))*

Docket No.  
DP-302459 (DEP-0147)

Total Pages in this Submission  
35

**Accompanying Application Parts (Continued)**

15.  Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16.  Additional Enclosures *(please identify below):*

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

17.  Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
DP-302459 (DEP-0147)

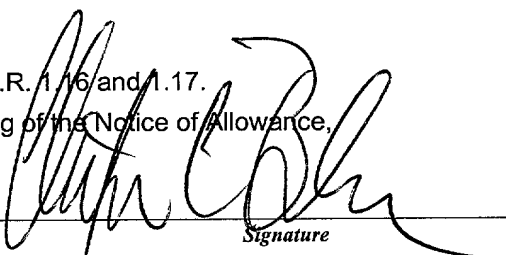
Total Pages in this Submission  
35

### Fee Calculation and Transmittal

#### CLAIMS AS FILED

For	#Filed	#Allowed	#Extra		Rate	Fee
Total Claims	30	- 20 =	10	x	\$18.00	\$180.00
Indep. Claims	3	- 3 =	0	x	\$80.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>						\$0.00
<b>BASIC FEE</b>						\$710.00
<b>OTHER FEE (specify purpose)</b> _____						\$0.00
<b>TOTAL FILING FEE</b>						<b>\$890.00</b>

- A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge and credit Deposit Account No. **50-0831** as described below. A duplicate copy of this sheet is enclosed.
- Charge the amount of **\$890.00** as filing fee.
  - Credit any overpayment.
  - Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
  - Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

  
 \_\_\_\_\_  
*Signature*  
**Christopher C. Boehm**  
 Registration No.: 41,624

Dated: **June 14, 2001**

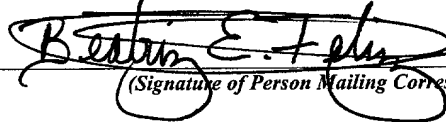
Express Mail Label No.: EL 748480968 US  
cc:

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**Applicant(s): **Foster et al.**

Docket No.

**DP-302459 (DEP-0147)**Serial No.  
N/AFiling Date  
N/AExaminer  
N/AGroup Art Unit  
N/AInvention: **APPARATUS AND METHOD FOR MAT PROTECTION OF NON-THERMAL PLASMA REACTOR**I hereby certify that this Utility Patent Application*(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Commissioner of Patents and Trademarks, Washington, D.C.

20231-0001 on June 14, 2001  
*(Date)***Beatriz E. Feliz***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EL 748480968 US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**